Homework 3: Arithmetic Operators

CS 1323 Fall 2023

Name:
Student ID (usually 112-XXX-XXXX or 113-XXX-XXXX):
 (10 points; 1 point each) Perform each of the calculations below, and put the result in the box to the right. Pay careful attention to the difference between int and double (whether or not there is a decimal point) and String and char (whether there are single or double quotes). If the operation cannot be performed or does not make sense, say so.
One way to check your work is to write a simple program that prints out each expression. Please be sure that you calculate them manually before you do this, since that will be required on the first exam.
a. 4+7
b. 5 – 6.412
c. 5+12/7
d. 16/3.0+4
e. 11/2+3.2
f. "3" + "98"
g. (int) 9.942
h. 3.1 + 15 / 12 * 5

	i.	3.1 * 15 / 12	+5							
	j.	62 % 8								
2.	find th Pay att	ints; 2 points on the control of the	ult for ead differenc	ch expre	ssion belov en int and	w. If the ex double. N	kpression i Aake sure	is not legal the assign i	in Java, say ment state	so. ment
dou int	cat = 41	nine = 21.5;	t = dog +	cat * cai	nine;					
	b.	double resul								
	C.	double resul	<u>t = cat / c</u>	canine *	teline;					
	d.	int result = c	log + cat -	+ feline /	canine;					

e. double result = cat * feline / dog * canine;							